

IN THE SPECIFICATION

Please amend the paragraph beginning at Page 20, Line 12 as follows:

Thereafter, processing system 100 may loop back to process step 310 until a sufficient number of loops have been performed to ensure that the data in histogram file 250 is an accurate reflection of the real-world memory access usage of the selected memory configuration. Again, the number of loops may be user-defined or execution of the loop may terminate when the user design criteria are adequately met by one or more of the memory configurations determined by processing system 100 (process step 350).